

## ABSTRACT OF THE DISCLOSURE

There is disclosed a packet tunneling method in a mobile data communication network. The packet tunneling method first uses a tunneling protocol to set up tunneling information and uniquely identify a  
5 tunnel in a signaling procedure. Then, in a data transmission procedure, the information provided by an addressing mechanism of a packet itself is used to tunnel the packet from one routing node to another with the tunneling information and the uniquely identified tunnel, so as not to use a tunneling protocol in the packet.

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